Index of Claims

Rejected

Allowed

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/813,691              | FATTAL ET AL.                           |
| Examiner                | Art Unit                                |
| John B. Strege          | 2624                                    |

John B. Strege

(Through numeral) Cancelled Non-Elected Appeal 0 Objected Restricted Interference

| Cli           | aim      | Date              |              |   |  |                 |          |          | Claim Date |            |          |  |                 |   |                         |                         |          | CI              | aim      | Date       |          |            |          |          |          |          |                 |              |                   |  |   |
|---------------|----------|-------------------|--------------|---|--|-----------------|----------|----------|------------|------------|----------|--|-----------------|---|-------------------------|-------------------------|----------|-----------------|----------|------------|----------|------------|----------|----------|----------|----------|-----------------|--------------|-------------------|--|---|
|               |          |                   |              |   |  |                 |          |          |            | T          |          |  |                 |   |                         |                         |          |                 |          |            |          |            |          |          |          |          |                 |              |                   |  |   |
| Final         | Original | 2119119           | 1/11/06      |   |  |                 |          |          |            | Final      | Original |  |                 | -   |                         |                         |          |                 |          |            | Final    | Original   |          |          |          |          |                 |              | . 1               | - 1  |   |
| Œ             | हैं      | 1/2               | $\preceq$    |   | 1  |                 |          | l        |            | Œ          | اَقَ     |  |                 | ŀ   |                         |                         |          |                 |          |            | Œ        | 8          |          |          |          | l        |                 |              | . 1               |  |   |
| <u> </u>      | 1 1      | Ш                 |              | 4   | ╄  | Ш               | $\sqcup$ |          | _          | <b> </b>   |          | $\sqcup$   | $\sqcup$        | 4   | +                       | -                       | Н        | $\vdash \vdash$ | Щ        |            |          |            | H        | Н        | _        | Н        | $\vdash \vdash$ |              | $\dashv$          | -  | _ |
|               | 0        | 1                 | 긔            | +   | ╂-   | L               | Н        | _        |            |            | 51       | -  |                 |   | +                       | -                       | Н        | Н               | =        |            |          | 101<br>102 | Н        |          | _        | Н        | Н               | $\vdash$     | $\dashv$          | $\dashv$                                   | _ |
|               | 2        | •                 | 7            | -   | ╀  | Н               | Н        |          |            |            | 52<br>53 | -  | $\vdash$        | -   | +                       |                         | $\vdash$ | Н               | _        |            |          | 102        | Н        | $\vdash$ |          | Н        | Н               | $\vdash$     | $\dashv$          | $\dashv$                                   | _ |
|               | 3        | _                 |              |   | ╁  | ₩               | Н        | $\dashv$ |            | ⊩          | 54       | +  | $\vdash$        | ╅   | ╁                       | +                       | $\vdash$ | $\vdash$        | -        |            |          | 104        |          | $\dashv$ |          | Н        | Н               | -            | $\dashv$          | +  | _ |
| _             | 5        |                   | 커            | +   | ╀  | ╁┤              | $\vdash$ | $\dashv$ |            | -          | 55       | Н  | $\vdash \vdash$ | +   | ╁                       | +                       | -        | ⊣               | -        |            |          | 105        | $\vdash$ | $\dashv$ |          | Н        | Н               | $\dashv$     | $\dashv$          | +  | — |
| _             | _        |                   | ä            | +   | ╁  | -               | ╌        | -        |            | -          | 56       | Н  | +               | $\dashv$  | 十                       | ╅                       | Н        | Н               |          |            |          | 106        |          |          |          | Н        | H               |              | $\dashv$          | $\dashv$                                   | _ |
| _             | 7        |                   | ĬŤ           | +   | +  | Н               | H        | -        | ┨          | $\vdash$   | 57       | H  | $\vdash$        | $\dashv$  | +                       | +                       | Н        | Н               |          |            |          | 107        | $\Box$   |          |          | Н        | Н               | $\dashv$     | $\dashv$          | 寸  | _ |
|               |          |                   | 히            | +-  | ┿  | H               |          | ᅥ        | -          |            | 58       | Н  | $\vdash$        | -   | 十                       | 1                       | H        | $\Box$          |          |            |          | 108        |          |          |          | П        | Н               |              | コ                 | 寸  | _ |
|               | 9        |                   | <del>}</del> |   | ✝  | Н               | H        | ┪        |            |            | 59       | П  | $\vdash$        | 十   | 十                       | 十                       | H        | $\dashv$        |          |            |          | 109        |          |          |          |          | Н               |              | 一                 | $\dashv$                                   | _ |
|               | 10       | 7                 | νt           | _   | 1  | П               | П        | ╗        | ᅰ          |            | 60       |  |                 | 7   | 十                       | 丁                       |          |                 |          |            |          | 110        |          |          |          |          |                 |              | ヿ                 | 寸  |   |
| $\overline{}$ | <b>1</b> |                   | Ž            | $\top$  | T  | П               | $\Box$   | $\neg$   | 7          |            | 61       | П  |                 | T   | ┰                       | 丁                       |          |                 |          |            |          | 111        |          |          |          |          |                 |              | П                 | $\neg$                                     |   |
|               | 12       |                   | 기            |   | T  |                 |          |          |            |            | 62       |  |                 | $oldsymbol{\mathbb{T}}$   | $\perp$                 | Ι                       |          |                 |          |            |          | 112        |          |          |          |          |                 |              |                   | $\Box$                                     |   |
|               | 13       | 7                 | Ö            | I   | $\Gamma$   |                 |          |          |            |            | 63       |  |                 | T   | $oldsymbol{\mathbb{I}}$ | $oxed{\mathbb{T}}$      |          |                 |          |            |          | 113        |          |          |          |          |                 |              | $\Box$            | $oldsymbol{oldsymbol{oldsymbol{\square}}}$ |   |
|               | 14       | 7.                | 0            | $\Box$  | L  |                 |          | $\Box$   |            |            | 64       |  |                 |   | I                       | $\perp$                 |          |                 |          |            |          | 114        |          |          |          |          |                 |              |                   | $\Box$                                     | _ |
|               | 15       |                   | J            | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ | L  |                 |          | $\Box$   |            |            | 65       |  |                 | $\Box$  | $\perp$                 | T                       |          | $\Box$          |          |            |          | 115        |          |          |          |          | Ш               |              |                   | 工  | _ |
|               |          | 0                 | ġ [          | Ŀ   |  |                 |          | $\perp$  | <b>∐</b>   |            | 66       | Ш  | $\sqcup$        |   | 1                       |                         | Ш        | Ш               | _]       |            |          | 116        |          |          | Ш        | Щ        | Щ               |              | $\Box$            | _  | _ |
|               |          |                   | V            | $\bot$  | $\perp$  | Ш               | $\sqcup$ | _        | _          |            | 67       | $\sqcup$   | $\perp$         | 4   | 4                       | 1                       | Ш        | Щ               | _        |            |          | 117        |          |          | Ш        | Ш        | Ш               |              | ┙                 | _  |   |
|               |          |                   | o]           |   | 丄  | Ш               | $\sqcup$ | _        | _[         | <u> </u>   | 68       | Ш  | $\perp$         | _   | 4                       | $\bot$                  | Ш        | $\Box$          | ᆜ        |            |          | 118        | Щ        |          | Щ        | Щ        | Щ               | _            | 4                 | 4  |   |
|               | 19       |                   | 싀            |   | ↓  | Ш               | $\sqcup$ | _        | _#         | <u> </u>   | 69       | $\sqcup$   | $\dashv$        | 4   | 4                       | +                       | $\vdash$ | $\sqcup$        | $\dashv$ |            |          | 119        |          |          | Щ        | $\sqcup$ | $\sqcup$        | 4            | _                 | 4  | _ |
|               | 20       | <b>/</b>          | V            | 4   | <del> </del>                                     |                 | $\vdash$ | _        | -#‼        | <u> — </u> | 70       | Н  | 1               | +   | +                       | ╀                       | $\vdash$ | $\vdash$        | ᅴ        |            |          | 120        |          |          | Н        | $\vdash$ | $\vdash$        | _            | $\dashv$          | $\dashv$                                   |   |
|               | <u>ක</u> | ٧,                | 낏            | 4   | ╄  | $\vdash$        |          | -        | -          | ⊩          | 71       | ┦┤   |                 | -   | +                       | ╀                       | ⊢        |                 |          |            |          | 121        | _        |          | Н        | Н        | ⊢┤              | -            | -                 | $\dashv$                                   |   |
|               | 22       |                   | Х            |   | ╄  | Н               | -        | $\dashv$ | -          | <u> </u>   | 72       | Н  |                 | +   | +                       | +                       | Н        | -               |          |            |          | 122        | $\dashv$ | -        | $\vdash$ | Н        | Н               | ┥            | $\dashv$          | $\dashv$                                   | _ |
|               |          |                   | 0            | +-  | ╀  | $\vdash$        | $\dashv$ | $\dashv$ | -          | -          | 73<br>74 |  |                 | +   | ┿                       | ╁                       | ┼╌┤      | $\dashv$        | ᅫ        |            |          | 123<br>124 | -        | 1        | _        | $\vdash$ | Н               | ┥            | $\dashv$          | $\dashv$                                   | _ |
|               | _        |                   | 위            |   | ╁  | Н               | $\dashv$ | -        | -          |            | 75       | -1   | -+              | +   | ╁                       | ╁                       | Н        | $\dashv$        |          |            |          | 125        | $\dashv$ |          | -        | -        | Н               | ᅱ            | $\dashv$          | -+   |   |
|               |          |                   | 8            |   | $\vdash$   | Н               | $\dashv$ | $\dashv$ | -          | <b>-</b>   | 76       | ╁  | -               | +   | ┿                       | ┿                       | 1-1      | -               | -        |            |          | 126        | -        | $\dashv$ | -        | _        | $\vdash$        | -            | $\dashv$          | $\dashv$                                   | _ |
|               |          | ٦Ì                | ₹            | +-  | +  | Н               | -        | +        | -          | -          | 77       | ╁╌┨  | -+              | ╅   | +-                      | ╅╌                      | $\vdash$ |                 |          | H          |          | 127        | -        |          | _        |          |                 | $\dashv$     | 7                 | +  | _ |
|               |          |                   | <del>5</del> | +   | ╁  | Н               |          | 寸        | $\dashv$   | ┢          | 78       | М  | _               | $\top$  | 十                       | +-                      | H        | $\dashv$        | ┪        |            |          | 128        | $\neg$   | -        | $\dashv$ | $\vdash$ |                 | -            | _                 | 十  |   |
|               |          |                   | <i>i</i>     | +   | ✝  | Н               | $\Box$   | 寸        | 7          |            | 79       | $\vdash$   | _               | $\top$  | 十                       | +                       | Н        | 7               | ┪        |            |          | 129        |          | _        | _        |          | $\neg$          | 7            | 寸                 | 十  | _ |
|               | 30       |                   | <b>7</b> 1   | +   | <del>                                     </del> | Н               | $\dashv$ | 寸        | -          |            | 80       | П  | _               | 十   | †                       | ╅┈                      | П        | $\dashv$        | $\neg$   |            |          | 130        | $\neg$   |          |          |          | $\dashv$        | ┪            | ╛                 | 十  | _ |
|               | 31       | 7                 | †            | 1   | Т  | П               | $\Box$   | 寸        | 7          |            | 81       | П  | $\neg$          | $\top$  | 十                       | 1                       | П        | $\Box$          | ╗        |            |          | 131        | T        |          |          |          | $\neg$          | ヿ            | $\neg$            | 十  | _ |
|               | 32       |                   | _            |   |  | П               |          | _†       |            |            | 82       |  | ⇉               |   | J                       | 1                       | E        |                 |          |            |          | 132        |          |          |          |          |                 |              | 寸                 | 丁  | _ |
|               | 33       |                   | T            |   |  |                 |          |          |            |            | 83       | $\Box$   | I               | I   | I                       | $oldsymbol{\mathbb{L}}$ | $\Box$   |                 |          |            |          | 133        |          |          |          |          |                 |              |                   | J  |   |
|               | 34       |                   | $\Box$       |   |  |                 |          |          |            |            | 84       |  | $\Box$          | $oldsymbol{\mathbb{T}}$   | Ι                       | $oxed{\Box}$            | $\Box$   | ┚               |          |            |          | 134        |          |          |          |          |                 |              | J                 | $\Box$                                     |   |
|               | 35       | $\Box$            | $\Box$       | $\perp$   |  | $\square$       |          | $\Box$   |            |            | 85       | Ш  | $\Box$          | $oldsymbol{ol}}}}}}}}}}}}}} $ | $\perp$                 | I                       | $\Box$   | $\Box$          | ╛        |            |          | 135        |          |          |          |          |                 |              | $\Box$            | $\Box$                                     | _ |
|               | 36       | $oldsymbol{\bot}$ | $\perp$      | $\perp$   |  | Ш               | $\Box$   | $\Box$   |            |            | 86       | $\Box$   | $\bot$          | $\perp$   | $\perp$                 | 工                       | $\Box$   | $\Box$          |          |            |          | 136        |          |          |          |          |                 | $\Box$       | $oldsymbol{\bot}$ | $oldsymbol{\bot}$                          | _ |
|               | 37       | $\Box$            | $\perp$      | I   |  | П               |          |          | _          |            | 87       | Ц  | $\bot$          | 4   | 1                       | L                       | Ц        | $\perp$         | _]       |            |          | 137        |          | $\Box$   |          |          |                 | $\Box$       | $\Box$            | $\Box$                                     | _ |
|               | 38       | _                 | _            | 4   | Ц  | Ц               | $\perp$  | _        | _          | <u></u>    | 88       | Щ  | 4               | 4   | 4                       | 4                       | Ш        | 4               | 긔        |            |          | 138        |          | ļ        |          | Ц        |                 | _            | $\dashv$          | _[   | _ |
|               | 39       | 4                 | 4            | 4-  | <b> </b>   | $\sqcup$        | _        | 4        |            | <b> </b>   | 89       | $\sqcup$   | 4               |   | 4                       | 4                       | Ш        | 4               | 긕        |            |          | 139        | _        |          | _        | _        | Ц               | _            | 4                 | 4  | _ |
|               | 40       | 4                 | 4.           | +-  | ├  | $\sqcup$        | _        | 4        |            | <b> </b>   | 90       | Н  | $\dashv$        | +   | +                       | +-                      | $\vdash$ | -               | ᅴ        |            | -        | 140        | _        |          |          | Щ        | $\dashv$        | _            | $\dashv$          | 4  | _ |
|               | 41       | +                 | +            | +-  | -  |                 | +        | +        | -          |            | 91       | $\vdash \vdash$                                  | -               | -   | +                       | ╁                       | Н        | $\dashv$        | -1       |            |          | 141        |          |          | -        | $\dashv$ | $\dashv$        | 4            | $\dashv$          | 4  | _ |
| _             | 42       | $\dashv$          | -            | +   | $\vdash$   | $\vdash$        | +        | $\dashv$ | -          | <b>⊢</b>   | 92<br>93 | $\vdash \dashv$                                  | +               | ┰   | +                       | ╁                       | ╌┤       | $\dashv$        | ᅱ        |            |          | 142        |          |          | $\dashv$ | $\dashv$ |                 | -            | $\dashv$          | $\dashv$                                   |   |
|               | 43       | +                 | +            | +-  | $\vdash$   | $\vdash \vdash$ | $\dashv$ | +        | -          | <u> </u>   | 94       | <del>                                     </del> | +               | +   | ╁                       | ╁                       | $\vdash$ | $\dashv$        | ᅱ        | ⊪          |          | 143        |          |          | -        | -        | $\dashv$        |              | $\dashv$          | +  | _ |
|               | 45       | ╅                 | +            | +   | Н  | $\vdash$        | $\dashv$ | +        | -          | -          | 95       | $\vdash$   | +               | +   | +                       | +                       | $\vdash$ | $\dashv$        | ㅓ        | ⊪₿         |          | 145        |          | $\dashv$ | -1       |          | $\dashv$        | $\dashv$     | $\dashv$          | +  |   |
|               | 46       | +                 | +            | +   | Н  | $\vdash$        | ┰        | +        | -          | -          | 96       | ┝┤   | 十               | +   | +                       | +-                      | $\vdash$ | $\dashv$        | ᅱ        | ⊪          |          | 146        |          | -1       | -        | -        | $\dashv$        |              | +                 | +  | _ |
|               | 47       | +                 | +            | +   | Н  | $\vdash \vdash$ | $\dashv$ | $\dashv$ | -          |            | 97       | H  | 十               | 十   | +                       | +-                      | $\vdash$ | $\dashv$        | ᅥ        | ⊪∦         | -        | 147        |          | $\dashv$ | -        | -        | +               | $\dashv$     | +                 | $\dashv$                                   | _ |
| -             | 48       | $\dashv$          | +            | ╅╴  | Н  | ┝╅              | 十        | $\dashv$ | -          |            | 98       | Н  | $\top$          | $\top$  | 十                       | +                       | H        | 十               | ᅱ        | ⊪∦         | $\dashv$ | 148        | ┪        | ᅱ        | -        | $\dashv$ | +               | <del> </del> | +                 | $\dashv$                                   |   |
| $\dashv$      | 49       | 十                 | $\dashv$     | +   | Н  | $\vdash \vdash$ | 十        | +        | ١          |            | 99       | $\vdash$   | $\dashv$        | $\top$  | 十                       | $\top$                  | Н        | $\dashv$        | ᅥ        | <b>⊪</b> † | -        | 149        | 一        | -        | $\dashv$ | $\dashv$ | 7               | +            | +                 | +  |   |
|               | 50       | -+                | +            | $\top$  | Н  | H               | $\dashv$ | $\dashv$ | ١          |            | 100      | П  | 十               | _   | 十                       | 十                       | Н        | 寸               | ٦        | <b>†</b>   | $\neg$   | 150        | -+       | 7        | -        | ┪        | 一               | 7            | $\dashv$          | +  | _ |